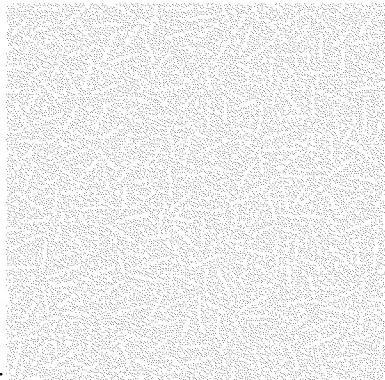


**To:** Schmittiel, Paula[Schmittiel.Paula@epa.gov]  
**Cc:** Russell, Carol[Russell.Carol@epa.gov]  
**From:** Bleecker, Shawna  
**Sent:** Mon 8/31/2015 10:47:02 PM  
**Subject:** RE: Search Terms

FRED DB search Am tunnel and Upper Animas.xlsx



.....

Hi Paula,

The UIC program is in the non-Superfund database. Attached is an index from that database listing every file with either Upper Animas or American Tunnel in either the title, subtitle or description. They don't necessarily fall under the UIC program but I thought they might be of interest as some files are related to discharge permits and others are related to enforcement. I will talk to the UIC records manager tomorrow to see if I am missing anything.

SEMS brought back 12 documents for "underground injection," meaning those words are in the document. Some of the documents are duplicated from earlier searches today but I thought it would be important to keep the documents together. You can find them on the 30-day shared drive at: I:\30 Day Share\PSchmittiel - Upper Animas\UIC search

I am leaving for the day but I will be in tomorrow. Thank you!

**From:** Schmittiel, Paula  
**Sent:** Monday, August 31, 2015 3:35 PM  
**To:** Bleecker, Shawna  
**Cc:** Russell, Carol  
**Subject:** RE: Search Terms

Shawna – You are awesome. The docs you have uncovered are right on. Another search term that has come up that we'd like you to search for is "underground injection" or "underground injection control (UIC)" as it related to the American Tunnel and the Upper Animas.

Thank you.

Paula Schmittiel

Remedial Project Manager

U.S. Environmental Protection Agency

1595 Wynkoop St.

Denver, CO 80202

Office: 303-312-6861

Fax: 303-312-7151

Cell: 720-951-0795

**From:** Bleecker, Shawna  
**Sent:** Monday, August 31, 2015 10:13 AM  
**To:** Schmittdiel, Paula  
**Cc:** Russell, Carol  
**Subject:** RE: Search Terms

Hi Paula and Carol,

Here are some documents I found in preliminary searches that might be of interest:

1061127 – mentions sealing of the mine tunnel (The metadata doesn't list an author or addressee so I'm not sure whose opinion it is)

## **Deliberative Process/Ex. 5**

380092 – EPA comments on the CD (Paula directed me to this 4/5/96 letter authored by Dodson)

1020975 – includes Sunnyside Gold Corp proposal to plug tunnels

I am still searching but wanted to get these out to you ASAP as I know there is a tight deadline.

Would you be interested in TBA docs for the Gladstone Water Treatment Plant?

I will continue to pass along items of interest. Please let me know if any of these documents completes the search or if you can think of more search criteria.

**From:** Schmittdiel, Paula  
**Sent:** Friday, August 28, 2015 3:40 PM  
**To:** Bleecker, Shawna  
**Subject:** FW: Search Terms

Shawna – See my refinements in Red below.

Paula Schmittdiel

Remedial Project Manager

U.S. Environmental Protection Agency

1595 Wynkoop St.

Denver, CO 80202

Office: 303-312-6861

Fax: 303-312-7151

Cell: 720-951-0795

**From:** Schmittiel, Paula  
**Sent:** Friday, August 28, 2015 3:10 PM  
**To:** Bleecker, Shawna  
**Subject:** Search Terms

Gladstone Water Treatment Plant

American tunnel

State of Colorado water discharge permit

Sunnyside gold corporation

Paul Osborne, EPA Hydrogeologist

EPA comments on Colorado water quality control division (CDPHE) permit or consent decree with Sunnyside gold corporation

Letters from Max Dodson to State

Installation of 3 bulkheads in the American tunnel – between 1996 & 2002 so the time in question as to EPA's comments on the bulkheads would be prior to 1996.

Time frame for most of this would be ~1985 – 1995 roughly – I'm sending you a detailed timeline titled "Gladstone Area Mine Event Timeline" I've highlighted in yellow a some of the events that would be significant in terms of what we are searching for.

Paula Schmittiel

Remedial Project Manager

U.S. Environmental Protection Agency

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Denver, CO 80202

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Fax: 303-312-7151

Cell: 720-951-0795